



PART LIST							
POS	POS.OLD	QTY	PART NAME	FILE NAME	PART TYP	SPECIFICATIONS	SHEET
A1		1	3d views	aid_dswh_A1_serpentine-solar-water-heating.iam			1
A1		1	3d views	aid_dswh_A1_serpentine-solar-water-heating.iam			2
A2		1	Explode 3d view	aid_dswh_A1_serpentine-solar-water-heating.ipn			3
B1			PART LIST				4
B2			PART LIST				5
C1			TECH NOTES				6
1.0		1	Serpentine collector	aid_dswh_serpentine-collector.iam			7
1.0		1	Serpentine collector	aid_dswh_serpentine-collector.ipn			8
1.1		1	Backing plate	aid_dswh_backing-plate.ipt	Production	Galvanized Steel	9
1.2		1	sections continuous	aid_dswh_sections-continuous.ipt	Production	U profile, Galvanized Steel #20	10
1.3		1	Top section	aid_dswh_top-section.ipt	Production	U profile, Galvanized Steel #20	11
1.4		3	Spacers	aid_dswh_spacers.ipt	Production	U profile, Galvanized Steel #20	12
1.5		1	Zig-zag 1/2 " pipe	aid_dswh_absorber-pipe-1-2.ipt	Production	pipe sch:1mm, Galvanized Steel	13
1.6		1	Ter-flex frame	aid_dswh_ter-flex-frame.ipt	Production	rubber	14
1.7		1	ter-flex backing	aid_dswh_ter-flex-backing.ipt	Standard	ter-flex backing, Rubber	
1.8		1	cover glass	aid_dswh_cover-glass.ipt	Production	Glass	15
1.9		4	angle 25 x 25	aid_dswh_angle25.ipt	Production	Steel C45	16
1.10		18	Rivet-6x6x3	aid_dswh_rivet-6x6x3.ipt	Standard	Rivet-6x6x3	
2.0		1	Hot water tank	aid_dswh_hot-water-tank.iam			17
2.0		1	hot water tank	aid_dswh_hot-water-tank.ipn			18
2.1		1	Metal drum	aid_dswh_metal-drum-55g.ipt	Production		19
2.2		2	Ter-flex up tank	aid_dswh_ter-flex-up-tank.ipt	Production	Termaflex	20
2.3		1	Ter flex tank	aid_dswh_ter-flex-tank.ipt	Production	Termaflex	21
2.4		1	barrel plastic + lid	aid_dswh_barrel-tank-35g.ipt	Production	HDPE	22
2.5		1	Cover metal drum	aid_dswh_cover-metal-drum-55g.ipt	Production		23
2.6		2	adaptor 1/2"	aid_dswh_adaptor-1-2..ipt	Standard	threaded adaptor de PVC DN1/2"	
2.7		2	Rubber seals	aid_dswh_rubber-seals.ipt	Production	Rubber	24
2.8		4	Nipple 1/2"	aid_dswh_nipple-1-2.ipt	Standard	threaded coupling Galvanized steel,sch40	
2.9		4	Pipe 1/2 plg	aid_dswh_pipe-1-2plgx150.ipt	Production	Long 150 mm, Glvanized Steel,sch40	25
3.0		1	pipe 1/2"x1510	aid_dswh_pipe-1-2plgx1510.ipt	Production	Pipe PVC,sch40	26
4.0		2	Pipe 1/2" x1000	aid_dswh_pipe-1-2plgx1000.ipt	Production	Pipe PVC,sch40	27
5.0		2	Pipe 1/2"x900	aid_dswh_pipe-1-2plgx900.ipt	Production	Pipe PVC,sch40	28

PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
DIY Derpentine Solar Water Heating		D. MOSQUERA	A. MORILLO	23-06-21	1.0
PART NAME		FILE NAME			PART CODE
PART LIST					B1
DEVELOPED BY		REDESIGNED BY		DOC. TYPE	MATERIAL
		 <small>OPEN SOURCE ECOLOGY GERMANY</small>		PART LIST	QUANTITY
Appropriate Infrastructure Development Group		OSEG		LICENCE	SCALE
				CC-BY-SA 4.0	SHEET
					4 /30

PART LIST

POS	POS.OLD	QTY	PART NAME	FILE NAME	PART TYP	SPECIFICATIONS	SHEET
6.0		2	Pipe 1/2"x350	aid_dswh_pipe-1-2plgx150.ipt	Production	Pipe PVC, sch40	29
7.0		5	pipe 1/2"x150	aid_dswh_pipe-1-2plgx100.ipt	Production	Pipe PVC, sch40	30
8.0		3,0m	Hose 1/2"	aid_dswh_pipe-flex-1-2.ipt	Standard	Rubber or vinyl	
9.0		4	clamp	aid_dswh_1-2hose-clamp.ipt	Standard	threaded clamp DN 1/2"	
10.0		7	Elbow 1/2"	aid_dswh_elbow-1-2.ipt	Standard	threaded Elbow DN1/2", Pipe PVC	
11.0		4	Nipple 1/2"	aid_dswh_nipple-1-2.ipt	Standard	threaded Nipple DN1/2", Pipe PVC	
12.0		2	Tee 1/2"	aid_dswh_tee-1-2.ipt	Standard	threaded Tee DN1/2", Pipe PVC	

PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
DIY Derpentine Solar Water Heating		D. MOSQUERA	A. MORILLO	23-06-21	1.0
PART NAME		FILE NAME			PART CODE
PART LIST					B2
DEVELOPED BY		REDESIGNED BY		DOC. TYPE	MATERIAL
Appropriate Infrastructure Development Group		 OSEG		PART LIST	
		LICENCE		SCALE	SHEET
		CC-BY-SA 4.0			5 /30